

Product datasheet for **MC217194**

Gfy (NM_001195255) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gfy (NM_001195255) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gfy
Synonyms:	Gm581; Gm2515; Goofy
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217194 representing NM_001195255
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGCCCTTCAGCCCCATCTTCTCCACCTCCTCTTTCTCCTTAATGGTCTGAGTTCAGGGCAGCTC
 CCTCACCAGGGCAGCCTGTGGTCGCTGACTCCAGGGGATGCTCCAGCCCTCTGGGATGCCCACTGGTAC
 TCTAGAAAATCTTACTAGAGATCAACCTACCCAGGATCCTCTGCAAGCCATCCTCTGAGCACTCCGAG
 ACACCACCCTCAGCTTCCCCTCACATCTCCAAAAAATCTTAAGGGAGACCCCTAGCCCCAGCCCTTTT
 TTTCTCTAGAGACTCCCATACCTGACCAGCTCACATCAGTAGCAGAATCTCAGGGTACTTCACAAATGAG
 TCCCTCCAGAGCAACACTTGGTAAACCTTCTGAGACCCCAACCTGACCCAACCTGGAATTTCCCGTCT
 GACTCTCCAGAAACCCAAAAACCTAACCCCTCCAACACCTCACCCCAAGTCTCCTGAGTCTGTATACA
 CTGACCCACACCAACTCTACCATGAATCCCCTGAAATCTCCAAAAGAGATACCCCAAACTCTCACC
 TGGTGAAGAGTCTAAGATACCAAGTCCCAGACCCACCAATTCTCAGCTCCAAATCCCTAGAGACCTAC
 GACCCCAAGTGCCAGGACACCTAAATTCGACTGGAACCAACCCACCCCTGACCTACAGAAAGTC
 CACAGTCACTTTCTCACCACTCACAACCTCTAATCCCACTGTTGTCCCCAAACCAATTTCCCAATC
 CCCCAGCCAAATGTAACAGAAACGGCTAGGACCTCTGACTTGGAAACCCAGCTCTAGTCTTCCCACCCAG
 CCAACAACCTTCAGGGAGGAAGCCACCACTCCCAGTGAGCCAGGCTTGGTCCCAGCCAGAAAGCCCTG
 CAGTCAACCGAGTTGCCACCCCTGGCCTGTCCACCTCAGATTCCCAGGGACCAAGAGCTGCACGTACC
 CCAGAACTCAGACCCTAAAGGGCCAGATATCCCTTCCCTCAGCAAGGATTGCAGGGCCCCCGCTCCT
 CTGGAGCACCCCAATCAGGTAGCACCTGCCCTCAGAGACACAGCCGAGGAGACACAGTCAACACTATCA
 TCGTGGTGGAGCGAGTGAAGGAGACGGGGTGACTCTGGTCAGCCGCCACGAGGCTCCGTCCGTGGGGC
 TCTGTGCCTGTTCTTCGCGGGGACAGGGCTGCTGATTGGCATCTTCTGCTGCTGTGGTGCCTCTACCGC
 CGAGCCTCCAGACACAGTCTTTGCCACCACCGGCTCCGGGACAGCGGAGATGAACAGTCTTGACCC
 TCGATGCCCGAAGGACCCGCTGGATCTCTACTTCTACGCCCCCGATGCGTGGGTGCCCTCCACATCGC
 CACGCAGCTCCACCTTCCACGCCCCCGCTGCCGCCAAGCTGCCCTCCGCCTCGCGGCCGACGCGC
 CTGGAAGCCCTGTCGCCCGCCGACTGTCCCCAACTTCTTGA

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001195255

Insert Size: 1515 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001195255.1](#), [NP_001182184.1](#)

RefSeq Size: 1877 bp

RefSeq ORF: 1515 bp

Locus ID: 100039953

UniProt ID: [J3KML8](#)

Cytogenetics: 7

Gene Summary: Required for proper function of the olfactory system. May be involved in establishing the acuity of olfactory sensory signaling.[UniProtKB/Swiss-Prot Function]